The file must be a comma delimited text file. In the actual file the first row would be the headers. The color codes at the top are used to show which columns are used for which facility types. If a specific facility type does not use a specific column than FacilityCalculator.dll ignores that column. However, that column must still be included in the file—meaning a space for it is allotted but the field is left blank. More information on the columns and color codes can be found in the notes under the figure.

FacilityCalculator.dll expects to receive the first six (6) columns. The values after that are optional. If a value is not given, meaning it is left blank, then the default values for that column are used. The default values are set in the NCLOS database. In the output file all of the values that are needed for a specific facility type are given. If a default value was used on input, then the default value used will be given on output. For a list of acceptable values for each of the inputs see the 2000 Highway Capacity Manual. Below are the acceptable values for the NCLOS specific information required in the input file.

Street Name – This column is any valid string that must be unique for the given project.

TransCAD ID – This column is a TransCAD® specific ID. It is not used in NCLOS but it is used by TransCAD® to keep the facilities consistent. The TransCAD ID used in the input file will be the same as the TransCAD ID used in the export file for each facility.

SegmentID – In the input file this column is ignored. In the output file this ID will be filled in and will be unique for the given project. This is also the ID that can be used to reference any facility in the NCLOS database.

Region Type – This is a numerical identifier for the region type this facility is in. The possible values are:
> 1 – Coastal
> 2 – Piedmont
> 3 – Mountains

Facility Type – This is a numerical identifier for the facility type of the facility. The possible values are:
> 1 – Arterials
> 2 – Two-Lane Highways
> 3 – Multilane Highways
> 4 – Freeways

Type 1 Name – This is a string corresponding to the first category within each Facility Type.

Type 2 Name – This is a string corresponding to the second category within each Facility Type.